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	Application No.	Applicant(s)		
Notice of Allowability	10/512,022	IIDA ET AL.		
	Examiner	Art Unit		
	Felisa C. Hiteshew	1722		
	reisa C. Filesilew	1722		
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL-INOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in 85) or other appropriate communication is sufficient. This application is sufficient in the su	this application. If not include nication will be mailed in due	ed course. THIS	
1. $igspace$ This communication is responsive to <u>the amendment file</u>	ed on Novebmer 8, 2006.			
2. X The allowed claim(s) is/are 1-11,13 and 15.				
 Acknowledgment is made of a claim for foreign priority a) ☐ All b) ☐ Some* c) ☐ None of the: 	under 35 U.S.C. § 119(a)-(d) o	r (f).	•	
1. ☑ Certified copies of the priority documents ha	ave been received			
Certified copies of the priority documents have Compared to the priority documents have been supported by the priority documents have been supported to the priority documents have been supported to the priority documents have been supported to the priority documents have been supported by th	•	n No		
3. ☐ Copies of the certified copies of the priority	•		tion from the	
·	documents have been received	iii tiiis national stage applica	don nom the	
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:				
Certified copies not received:	•			
Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDO THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the rec	quirements	
4. A SUBSTITUTE OATH OR DECLARATION must be sul INFORMAL PATENT APPLICATION (PTO-152) which (OTICE OF	
5. CORRECTED DRAWINGS (as "replacement sheets") n	nust be submitted.			
(a) ☐ including changes required by the Notice of Draftsp		(PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examin Paper No./Mail Date		in the Office action of		
Identifying indicia such as the application number (see 37 CF each sheet. Replacement sheet(s) should be labeled as such			back) of	
 DEPOSIT OF and/or INFORMATION about the de attached Examiner's comment regarding REQUIREMEN 			Note the	
Attachment(s)				
1. Notice of References Cited (PTO-892)	5. Notice of Info	ormal Patent Application		
2. Notice of Draftperson's Patent Drawing Review (PTO-94)	, —	mmary (PTO-413),		
Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	Paper No./M 7. ☐ Examiner's A	Paper No./Mail Date 7.		
 Examiner's Comment Regarding Requirement for Depos of Biological Material 	it 8. ⊠ Examiner's S	Statement of Reasons for Allo	wance	
,	9.	Felisa C. Hiteshew Primary Examiner Art Unit: 1722	shew	

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Allowable Subject Matter

1. Claims 1-11, 13 and 14

2. The following is an examiner's statement of reasons for allowance: The most relevant prior art of reference is that of Japanese publication '494. However it does not teach nor fairly suggest singularly or in any combination thereof a single crystal silicon ingot produced by CZ method, wherein a <110> crystal orientation is within a range of 0.6*<0< 10* with respect to an axial direction.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Felisa Hiteshew whose telephone number is (571) 272-1463. The examiner can normally be reached on Mondays through Thursday from 5:30 AM to 4:00 PM with Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta, can be reached on (571) 272-1316. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-1463.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public

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PAIR. Status information for unpublished applications is available through
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http://pair-direct.uspto.gov. Should you have questions on access to the Private
PAIR system, contact the Electronic Business Center (EBC) at 866- 217-9197
(toll-free).

FELISA HITESHEW PRIMARY EXAMINER

AU1722